



# Federal Communications Commission

## Hearing Aid Compatibility Status Report (FCC Form 655)

Reporting Period: January 1, 2012 - December 31, 2012

Filing Confirmation Number: 0005596973

Filing Deadline: January 15, 2013

FRN: 0007258973

Filing Date: 01/09/2013 06:09 PM

### General Report Information

#### Type of Company

Service Provider

#### De Minimis Exception

Did you offer any handsets to subscribers in the United States during the reporting period? Yes

Have you been offering handsets in the United States for at least three years prior to the end of the reporting period? Yes

Date that you began offering handsets in the United States

Are you a small entity? Yes

Were you a small entity at any time during the three years prior to the end of the reporting period?

Date that you ceased to be a small entity?

#### Company Information

Company Name: Cross Wireless, L.L.C.

Brand Names: Sprocket Wireless

PO Box: 9

Street Address:

City: Warner

State: OK

Zip Code: 74469

Contact Name: John C. Ruhl

Contact Phone: (405) 368-7649

Contact Fax:

Contact Email: jcruhl@crosstel.net

#### Filing Agent

Is this report being filed by an agent on behalf of a manufacturer or service provider? Yes

Agent Name: Lukas, Nace, Gutierrez & Sachs, LLP

PO Box:

Street Address: 8300 Greensboro Drive, Suite 1200

City: McLean

State: VA

Contact Name: Pamela Gist  
Contact Phone: (703) 584-8665  
Contact Fax: (703) 584-8696  
Contact Email: pgist@fcclaw.com

### Product Labeling

Do all hearing aid-compatible handsets include labeling? Yes

Explain:

Do all hearing aid-compatible handsets that are capable of voice communication over any air interface or frequency band that does not have hearing aid compatibility technical standards under ANSI C63.19-2007 include the required language disclosing that the handset has not been rated for hearing aid compatibility with respect to such operations? Yes

Explain:

Do all hearing aid-compatible handsets that the manufacturer also tested and found not to meet hearing aid compatibility requirements under ANSI C63.19-2011 for one or more operations that are not covered under ANSI C63.19-2007, include language informing users by clear and effective means that the handset does not meet the relevant rating or ratings with respect to such operation(s)?

N/A

Explain:

Do all handsets that are capable of use for Voice over LTE, and that were certified for inductive coupling capability under ANSI C63.19-2011 without being tested for inductive coupling capability over VoLTE, include language disclosing that they were not tested with respect to this operation?

N/A

Explain:

Do all handsets that meet the criteria for an M3 rating by allowing the user to reduce the maximum power for GSM operation in the 1900 MHz band include the required disclosure?

Explain:

### Public Website

Does your company maintain a public website describing all hearing aid-compatible models, the ratings of those models, and an explanation of the rating system? Yes

Website address: <http://www.sprocketwireless.com/devices/hac/>

Explain:

### Consumer Outreach

Describe consumer outreach efforts in the past 12 months: Compliant handset models are publicly identified for consumers and audiologists. Compliant models are listed on the company web site, and retail salespeople are trained to assist with complaint digital wireless phones. Compliant handsets are available for testing in retail locations. Written materials and promotional literature are provided at the point of sale and on the website, addressing the needs of individuals with hearing disabilities. Such consumers are given a 30-day trial period within which to try out digital wireless phones to determine whether they will work properly with their hearing aids.

### Methodology for Functionality Levels

PDAs or smartphones generally have advanced features such as expandable memory, enhanced camera, Bluetooth, video, Internet access, touch screen UI, faster processing, email, full QWERTY keypads, and in many cases Windows Office Mobile, to meet the demands of mobile business professionals and consumers.

High-Tier Phones have features for demanding users, including Bluetooth, Internet access capability, increased RAM storage or expandable memory, high-resolution color display, enhanced camera/video capability, and music MP3 player functionality. They typically feature a modern, sleek design, often are slider form factor.

Mid-Tier Phones may have a camera, Bluetooth, or Internet access capability, but are less likely to offer video, music and media player capability. Design is typically less stylish, tends to be clamshell or flip form factor.

Low-Tier Phones offer basic wireless telephone features, may not have a camera, Bluetooth, or Internet access capability, and generally lack such features MP3 players and expandable memory. Typically utilitarian design suitable for customers using voice/text only, tends to be flip or bar form factor.

### Report Remarks

Cross Wireless does not operate network facilities utilizing GSM, WCDMA, 700 MHZ, AWS or LTE air interfaces.

You have reported the following handset model summary information.

Total number of handsets offered: 21

Air Interface	Fully Hearing Aid Compatible		Acoustic Coupling Compatible Only		Non-Compliant Handsets		Excluded Handsets Number	Total by Air Interface
	Number	Percent	Number	Percent	Number	Percent		
CDMA	19	90%	2	10%				21

## Handset 1: LG 100

### Handset Maker

LG

### Handset Model Name

100

### FCC ID

BEJLG100C

### Air Interfaces/Frequency Bands

850 MHz CDMA

1900 MHz CDMA

### Dates

This handset model was offered from: 01/12 to 12/12

### Ratings

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

### Functionality Level

Low tier

### Remarks

## Handset 2: LG Wine II Refresh

### Handset Maker

LG

### Handset Model Name

Wine II Refresh

### FCC ID

BEJUN430

### Air Interfaces/Frequency Bands

850 MHz CDMA

1900 MHz CDMA

### Dates

This handset model was offered from: 01/12 to 10/12

### Ratings

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

### Functionality Level

Mid tier

### Remarks

## Handset 3: LG Axis 740

### Handset Maker

LG

### Handset Model Name

Axis 740

### FCC ID

BEJVS740

### Air Interfaces/Frequency Bands

850 MHz CDMA

1900 MHz CDMA

2.4 GHz Wi-Fi

### Dates

This handset model was offered from: 01/12 to 06/12

### Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

PDA

#### Remarks

---

### Handset 4: LG AN200 SABER

#### Handset Maker

LG

#### Handset Model Name

AN200 SABER

#### FCC ID

BEJUN200

#### Air Interfaces/Frequency Bands

850 MHz CDMA

1900 MHz CDMA

#### Dates

This handset model was offered from: 03/12 to 12/12

#### Ratings

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Low tier

#### Remarks

---

### Handset 5: LG LG680 Optimus 2

#### Handset Maker

LG

#### Handset Model Name

LG680 Optimus 2

#### FCC ID

ZNFAS680

**Air Interfaces/Frequency Bands**

850 MHz CDMA  
1900 MHz CDMA  
2.4 GHz Wi-Fi

**Dates**

This handset model was offered from: 02/12 to 12/12

**Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

**Functionality Level**

PDA

**Remarks**

---

**Handset 6: LG AS855 Ignite****Handset Maker**

LG

**Handset Model Name****FCC ID**

AS855 Ignite

BEJLS855

**Air Interfaces/Frequency Bands**

850 MHz CDMA  
1900 MHz CDMA  
2.4 GHz Wi-Fi

**Dates**

This handset model was offered from: 02/12 to 12/12

**Ratings**

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

PDA

#### Remarks

---

### Handset 7: Motorola Quantico W845

#### Handset Maker

Motorola

#### Handset Model Name

Quantic W845

#### FCC ID

IHDT56KS1

#### Air Interfaces/Frequency Bands

850 MHz CDMA

1900 MHz CDMA

#### Dates

This handset model was offered from: 01/12 to 12/12

#### Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

High tier

#### Remarks

---

### Handset 8: Motorola Grasp

#### Handset Maker

Motorola

#### Handset Model Name

Grasp

#### FCC ID

IHDT56LC1

**Air Interfaces/Frequency Bands**

850 MHz CDMA  
1900 MHz CDMA

**Dates**

This handset model was offered from: 01/12 to 03/12

**Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

**Functionality Level**

Mid tier

**Remarks**

---

**Handset 9: Motorola DROID RAZR MAXX****Handset Maker**

Motorola

**Handset Model Name****FCC ID**

DROID RAZR MAXX

IHDP56ME1

**Air Interfaces/Frequency Bands**

700 MHz CDMA  
700 MHz LTE  
850 MHz CDMA  
850 MHz LTE  
1900 MHz CDMA  
1900 MHz LTE  
2.4 GHz Wi-Fi

**Dates**

This handset model was offered from: 12/12 to 12/12

**Ratings**



M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

PDA

#### Remarks

---

### Handset 10: Samsung R100 Stunt

#### Handset Maker

Samsung

#### Handset Model Name

R100 Stunt

#### FCC ID

A3LSCHR100

#### Air Interfaces/Frequency Bands

850 MHz CDMA

1900 MHz CDMA

#### Dates

This handset model was offered from: 01/12 to 12/12

#### Ratings

M-Rating: M4

T-Rating:

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Low tier

#### Remarks

---

### Handset 11: Samsung R261 Chrono

#### Handset Maker

Samsung

#### Handset Model Name

R261 Chrono

#### FCC ID

A3LSCHR261

**Air Interfaces/Frequency Bands**

850 MHz CDMA  
1900 MHz CDMA

**Dates**

This handset model was offered from: 03/12 to 12/12

**Ratings**

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

**Functionality Level**

Low tier

**Remarks**

---

**Handset 12: Samsung SCH-R350 FREEFORM****Handset Maker**

Samsung

**Handset Model Name****FCC ID**

SCH-R350 FREEFORM

A3LSCHR350

**Air Interfaces/Frequency Bands**

850 MHz CDMA  
1900 MHz CDMA

**Dates**

This handset model was offered from: 01/12 to 06/12

**Ratings**

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Mid tier

#### Remarks

---

### Handset 13: Samsung Messenger R631

#### Handset Maker

Samsung

#### Handset Model Name

Messenger R631

#### FCC ID

A3LSCHR631

#### Air Interfaces/Frequency Bands

850 MHz CDMA

1900 MHz CDMA

#### Dates

This handset model was offered from: 01/12 to 06/12

#### Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Mid tier

#### Remarks

---

### Handset 14: Samsung R250 Contour

#### Handset Maker

Samsung

#### Handset Model Name

R250 Contour

#### FCC ID

A3LSCHR250

**Air Interfaces/Frequency Bands**

850 MHz CDMA  
1900 MHz CDMA

**Dates**

This handset model was offered from: 01/12 to 12/12

**Ratings**

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

**Functionality Level**

Low tier

**Remarks**

---

**Handset 15: Samsung R720 Admire****Handset Maker**

Samsung

**Handset Model Name****FCC ID**

R720 Admire

A3LSCHR720

**Air Interfaces/Frequency Bands**

850 MHz CDMA  
1700 MHz CDMA  
1900 MHz CDMA  
2.4 GHz Wi-Fi

**Dates**

This handset model was offered from: 01/12 to 12/12

**Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

PDA

#### Remarks

---

### Handset 16: Samsung I500 Galaxy S

#### Handset Maker

Samsung

#### Handset Model Name

I500 Galaxy S

#### FCC ID

A3LSCHI500

#### Air Interfaces/Frequency Bands

850 MHz CDMA

1900 MHz CDMA

2.4 GHz Wi-Fi

#### Dates

This handset model was offered from: 03/12 to 12/12

#### Ratings

M-Rating: M4

T-Rating:

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

PDA

#### Remarks

---

### Handset 17: HTC 6275 Desire

#### Handset Maker

HTC

#### Handset Model Name

6275 Desire

#### FCC ID

NM8PB99400

**Air Interfaces/Frequency Bands**

850 MHz CDMA  
1900 MHz CDMA  
2.4 GHz Wi-Fi

**Dates**

This handset model was offered from: 01/12 to 03/12

**Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

**Functionality Level**

PDA

**Remarks**

---

**Handset 18: HTC 6225 Wildfire****Handset Maker**

HTC

**Handset Model Name****FCC ID**

6225 Wildfire

NM8PD06100

**Air Interfaces/Frequency Bands**

850 MHz CDMA  
1900 MHz CDMA

**Dates**

This handset model was offered from: 01/12 to 06/12

**Ratings**

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

PDA

#### Remarks

---

### Handset 19: Research In Motion 8703

#### Handset Maker

Research In Motion

#### Handset Model Name

8703

#### FCC ID

L6ARBF20CW

#### Air Interfaces/Frequency Bands

850 MHz CDMA

1900 MHz CDMA

#### Dates

This handset model was offered from: 01/12 to 07/12

#### Ratings

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

PDA

#### Remarks

---

### Handset 20: SONIM XP3400 Armor

#### Handset Maker

SONIM

#### Handset Model Name

XP3400 Armor

#### FCC ID

WYPC21F007AA

**Air Interfaces/Frequency Bands**

850 MHz CDMA  
1900 MHz CDMA

**Dates**

This handset model was offered from: 03/12 to 12/12

**Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

**Functionality Level**

Low tier

**Remarks**

---

**Handset 21: Alcatel One Touch****Handset Maker**

Alcatel

**Handset Model Name****FCC ID**

One Touch

RAD210

**Air Interfaces/Frequency Bands**

850 MHz CDMA  
1900 MHz CDMA  
2.4 GHz Wi-Fi

**Dates**

This handset model was offered from: 05/12 to 12/12

**Ratings**



M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

PDA

#### Remarks

---

### Certification

#### This Report has been certified by:

John C Ruhl Wireless General Manager  
01/09/2013 06:09 PM